

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-4. (Canceled)

5. (Currently Amended) A wiring harness comprising:

a wire bundle selected from the group consisting of a single wire bundle comprising only non-halogenous insulated wires, and a mixed wire bundle comprising at least the non-halogenous insulated wires and vinyl chloride insulated wires; and

a wiring-harness protective material for covering the wire bundle, in which one of a non-halogenous resin composition, a vinyl chloride resin composition, and a halogenous resin composition other than the vinyl chloride resin composition is used as a base material, wherein

each non-halogenous insulated wire comprises a conductor covered with a crosslinked flame-retardant resin composition, the crosslinked flame-retardant resin composition comprising:

100 parts by weight of a resin ingredient containing:

(A) polyethylene of which a melt flow rate (MFR) is 5 g/10 min. or less and a density is 0.90 g/cm³ or more; and

(B) at least one polymer selected from the group consisting of:

(B1) alpha-olefin (co)polymer;

(B2) ethylene-vinylester copolymer;

(B3) ethylene-alpha, beta-unsaturated carboxylic acid alkyl ester copolymer; and

(B4) a styrene thermoplastic elastomer;

30-250 parts by weight of (C) a metallic hydrate, the metallic hydrate being at least one member selected from the group consisting of magnesium hydroxide, aluminum hydroxide, zirconium hydroxide, hydrated magnesium silicate, hydrated aluminum silicate, basic magnesium carbonate, and hydrotalcite; and

1-20 parts by weight of (D) zinc sulfide,

wherein,

in the resin ingredient, a content of (A) the polyethylene is 30-90 wt% and a content of (B) the polymer is 70-10 wt%, ~~and~~

one or both of a condition that at least one of (B) the polymer is modified by acid and a condition that 0.3-10 parts by weight of (E) an organo-functional coupling agent is further contained are met, and

the crosslinked flame-retardant resin composition does not comprise a nitrogen-containing flame-retardant auxiliary agent.

6-7. (Canceled)

8. (Currently Amended) A wiring harness comprising:

a wire bundle selected from the group consisting of a single wire bundle comprising only non-halogenous insulated wires, and a mixed wire bundle comprising at least the non-halogenous insulated wires and vinyl chloride insulated wires; and

a wiring-harness protective material for covering the wire bundle, in which one of a non-halogenous resin composition, a vinyl chloride resin composition, and a halogenous resin composition other than the vinyl chloride resin composition is used as a base material, wherein

each non-halogenous insulated wire comprises a conductor covered with a crosslinked flame-retardant resin composition, each non-halogenous insulated wire being crosslinked by one of radiation, peroxide and a silane cross-linking agent,

the crosslinked flame-retardant resin composition comprising:

100 parts by weight of a resin ingredient containing:

(A) polyethylene of which a melt flow rate (MFR) is 5 g/10 min. or less and a density is 0.90 g/cm³ or more; and

(B) at least one polymer selected from the group consisting of:

(B1) alpha-olefin (co)polymer;

(B2) ethylene-vinylester copolymer;

(B3) ethylene-alpha, beta-unsaturated carboxylic acid alkyl ester copolymer; and

(B4) a styrene thermoplastic elastomer;

30-250 parts by weight of (C) a metallic hydrate, the metallic hydrate being at least one member selected from the group consisting of magnesium hydroxide, aluminum hydroxide, zirconium hydroxide, hydrated magnesium silicate, hydrated aluminum silicate, basic magnesium carbonate, and hydrotalcite; and

1-20 parts by weight of (D) zinc sulfide,

wherein,

in the resin ingredient, a content of (A) the polyethylene is 30-90 wt% and a content of (B) the polymer is 70-10 wt%, and

one or both of a condition that at least one of (B) the polymer is modified by acid and a condition that 0.3-10 parts by weight of (E) an organo-functional coupling agent is further contained are met, and

the crosslinked flame-retardant resin composition does not comprise a nitrogen-containing flame-retardant auxiliary agent.

9. (Canceled)

10. (New) A wiring harness comprising:

a wire bundle selected from the group consisting of a single wire bundle comprising only non-halogenous insulated wires, and a mixed wire bundle comprising at least the non-halogenous insulated wires and vinyl chloride insulated wires; and

a wiring-harness protective material for covering the wire bundle, in which one of a non-halogenous resin composition, a vinyl chloride resin composition, and a halogenous resin composition other than the vinyl chloride resin composition is used as a base material, wherein

each non-halogenous insulated wire comprises a conductor covered with a crosslinked flame-retardant resin composition, the crosslinked flame-retardant resin composition comprising:

100 parts by weight of a resin ingredient containing:

(A) polyethylene of which a melt flow rate (MFR) is 5 g/10 min. or less and a density is 0.90 g/cm^3 or more; and

(B) at least one polymer selected from the group consisting of:

(B1) alpha-olefin (co)polymer;

(B2) ethylene-vinylester copolymer;

(B3) ethylene-alpha, beta-unsaturated carboxylic acid alkyl ester copolymer; and

(B4) a styrene thermoplastic elastomer;

30-250 parts by weight of (C) a metallic hydrate, the metallic hydrate being at least one member selected from the group consisting of magnesium hydroxide, aluminum hydroxide, zirconium hydroxide, hydrated magnesium silicate, hydrated aluminum silicate, basic magnesium carbonate, and hydrotalcite; and

1-20 parts by weight of (D) zinc sulfide,

wherein,

in the resin ingredient, a content of (A) the polyethylene is 30-90 wt% and a content of (B) the polymer is 70-10 wt%,

one or both of a condition that at least one of (B) the polymer is modified by acid and a condition that 0.3-10 parts by weight of (E) an organo-functional coupling agent is further contained are met, and

the crosslinked flame-retardant resin composition does not comprise ammonium polyphosphate (APP).